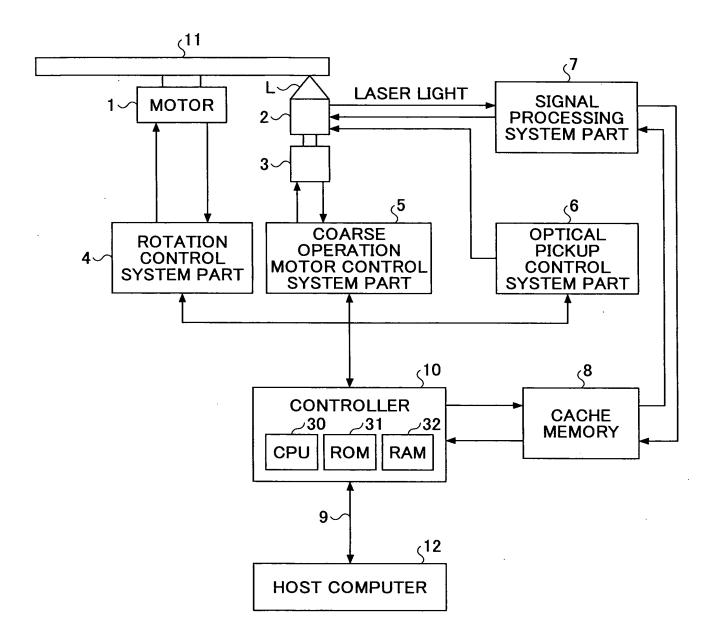
FIG.1



. .

FIG.2

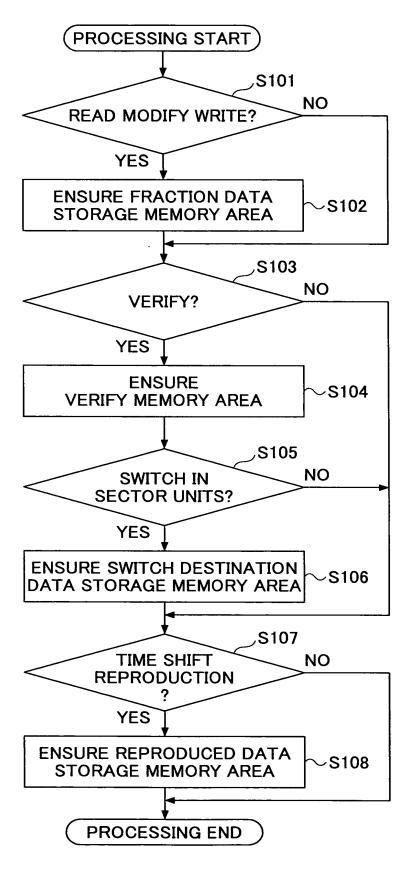


FIG.3

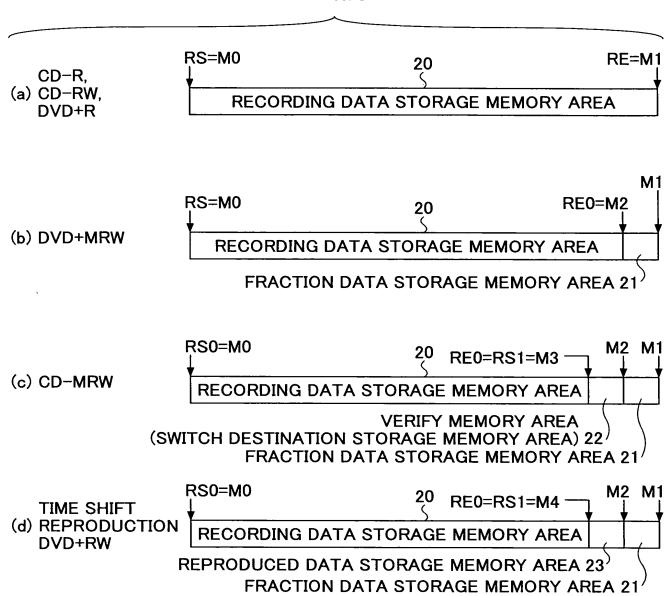


FIG.4

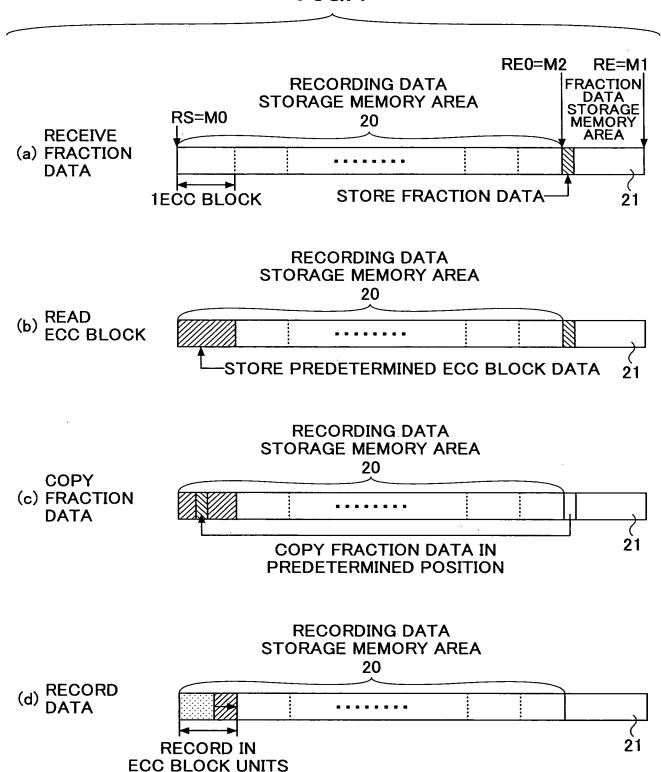
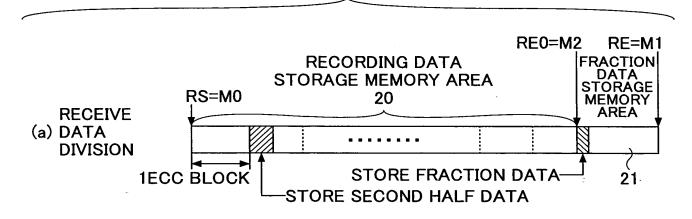
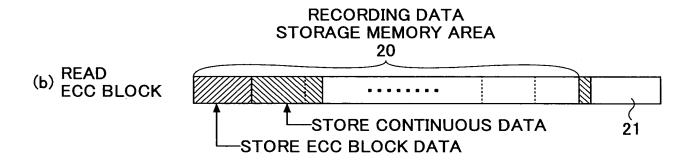


FIG.5





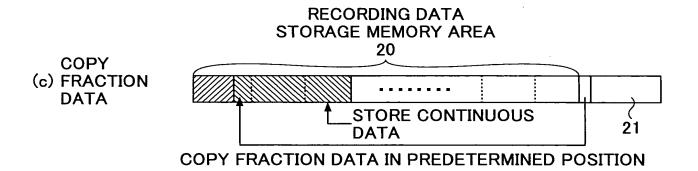


FIG.6

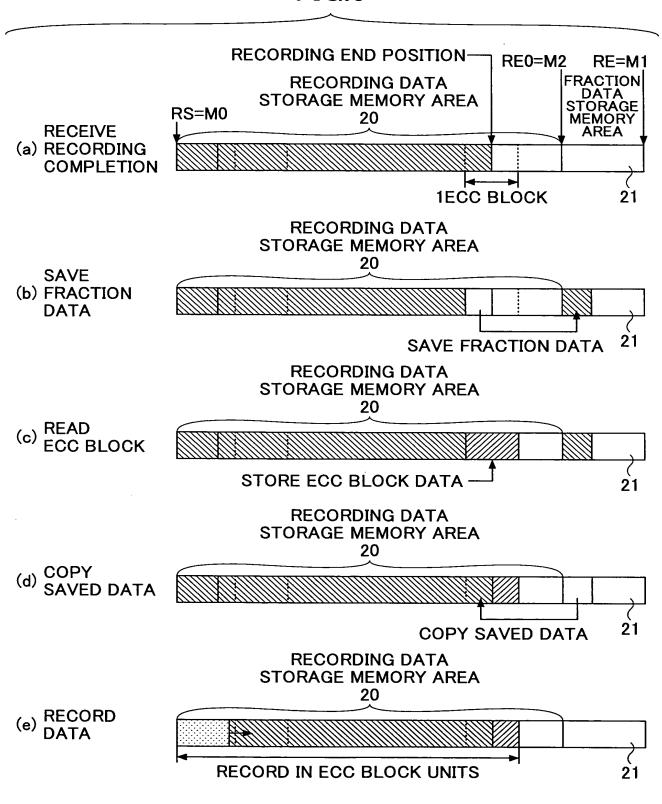
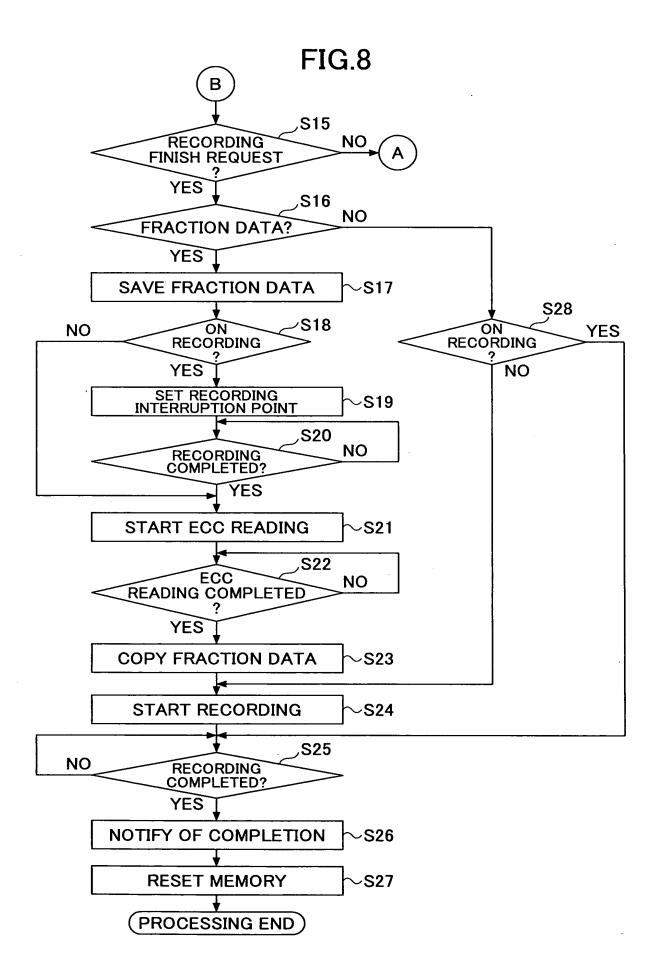
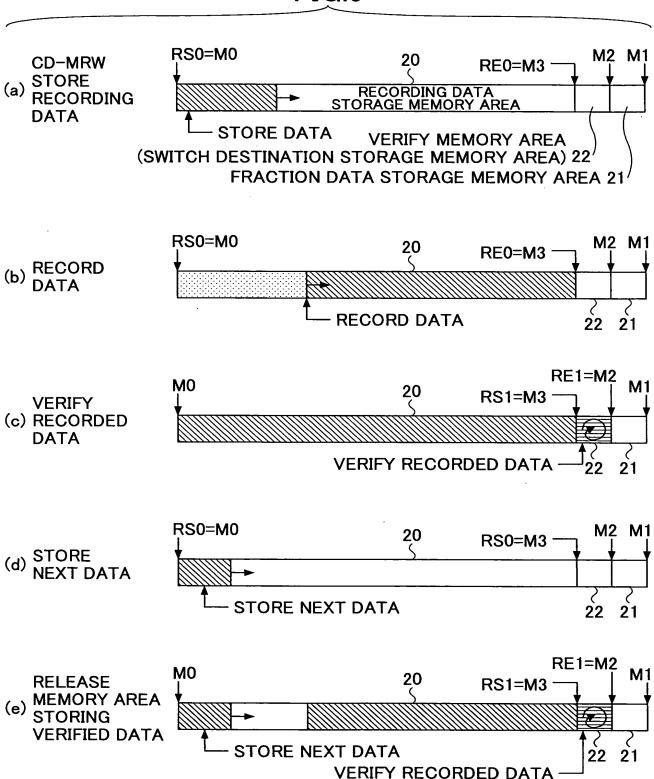


FIG.7 (PROCESSING START) **DIVIDE MEMORY** ~S1 **S2** NO RECORDING REQUEST? YES YES **ECC BOUNDARY?** NO YES CONTINUOUS ADDRESS NO **EXTRACT FRACTION DATA** TRANSFER DATA TO FRACTION MEMORY ·S6 ·S7 START ECC READING **/S8** NOT YET TRANSFERRED DATA NO YES TRANSFER DATA TO RECORDING MEMORY √S9 **S10** NO ECC READING COMPLETED? YES **COPY FRACTION DATA** ~S11 **S12** RECORDING START THRESHOLD EXCEEDED? NO YES START RECORDING ~S13 NOTIFY OF COMPLETION **-S14**





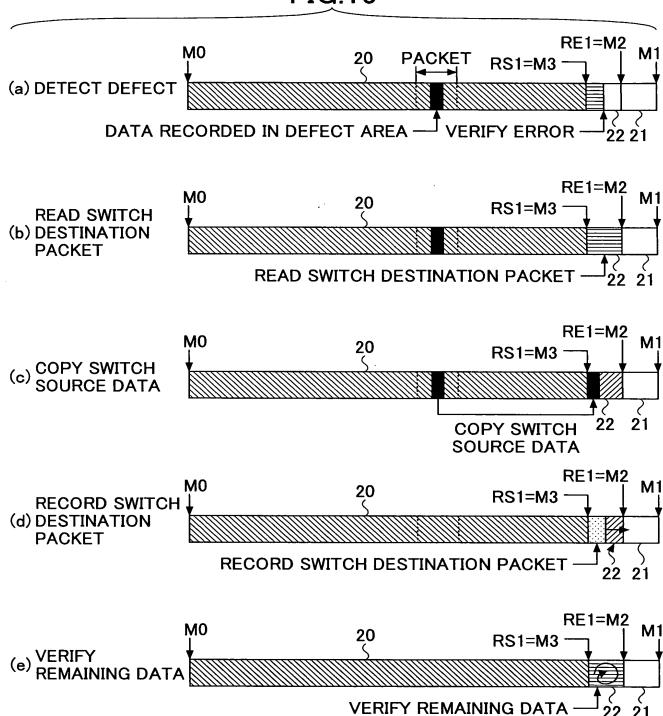


FIG.11 PROCESSING START **DIVIDE MEMORY S31** SET RECORDING RING **S32 S33** NO RECORDING REQUEST? YES TRANSFER DATA TO RECORDING MEMORY √S34 **S35** RECORDING NO START CONDITION YES START RECORDING ~S36 **S37** NO RECORDING COMPLETED? YES **SET VERIFYING RING S38** START VERIFYING ~S39 **S40** YES **VERIFY ERROR?** C NO D **S41** NO VERIFY COMPLETED? YES **S42** NO FINISH REQUEST? YES **RESET MEMORY S43** PROCESSING END

FIG.12

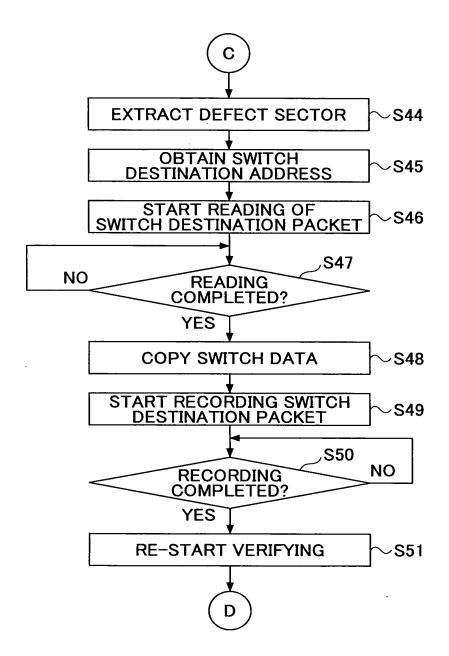
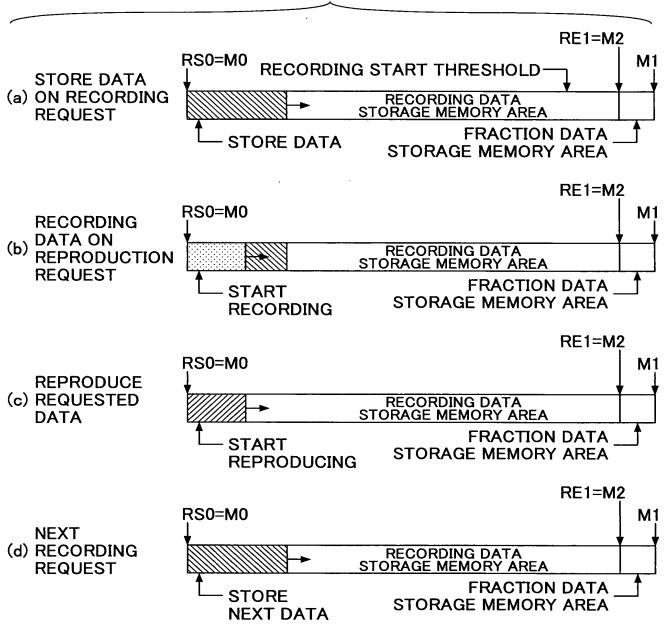
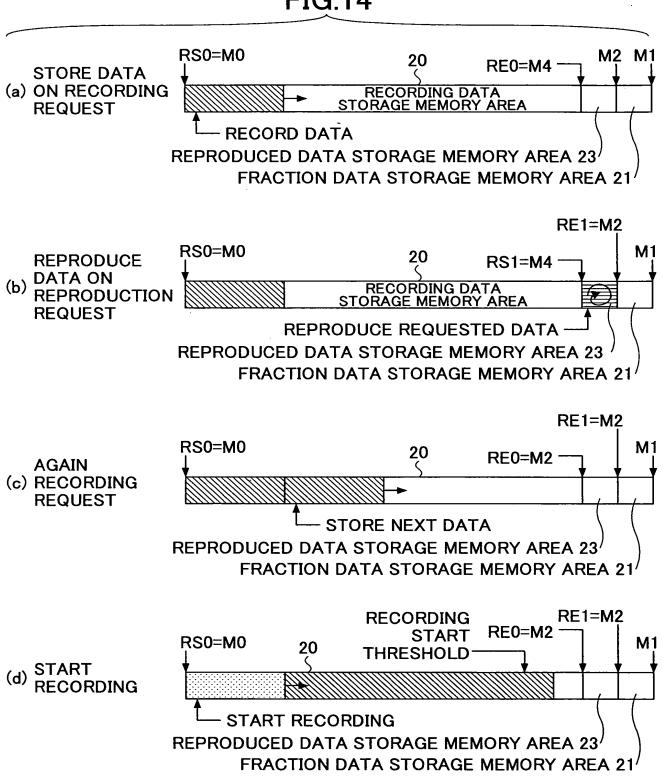


FIG.13







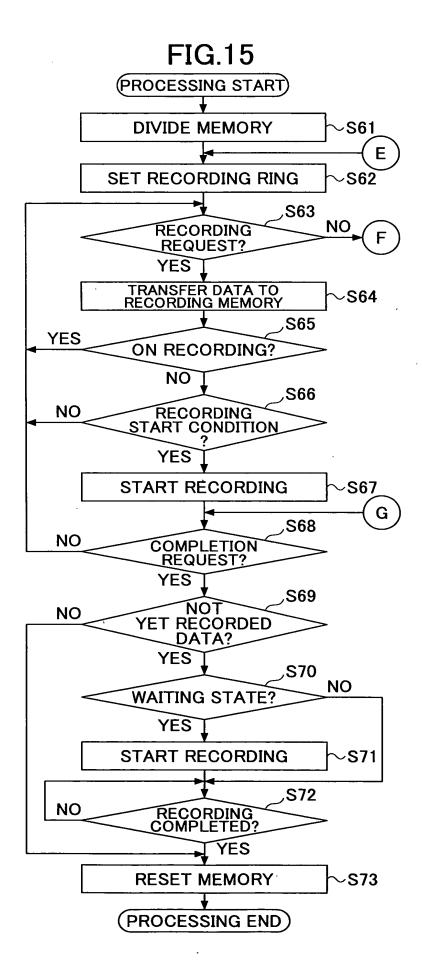


FIG.16

